

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060259.D
 Acq On : 29 Jul 2024 18:26
 Operator : MD/SY
 Sample : P3344-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9DL

Quant Time: Jul 30 04:25:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

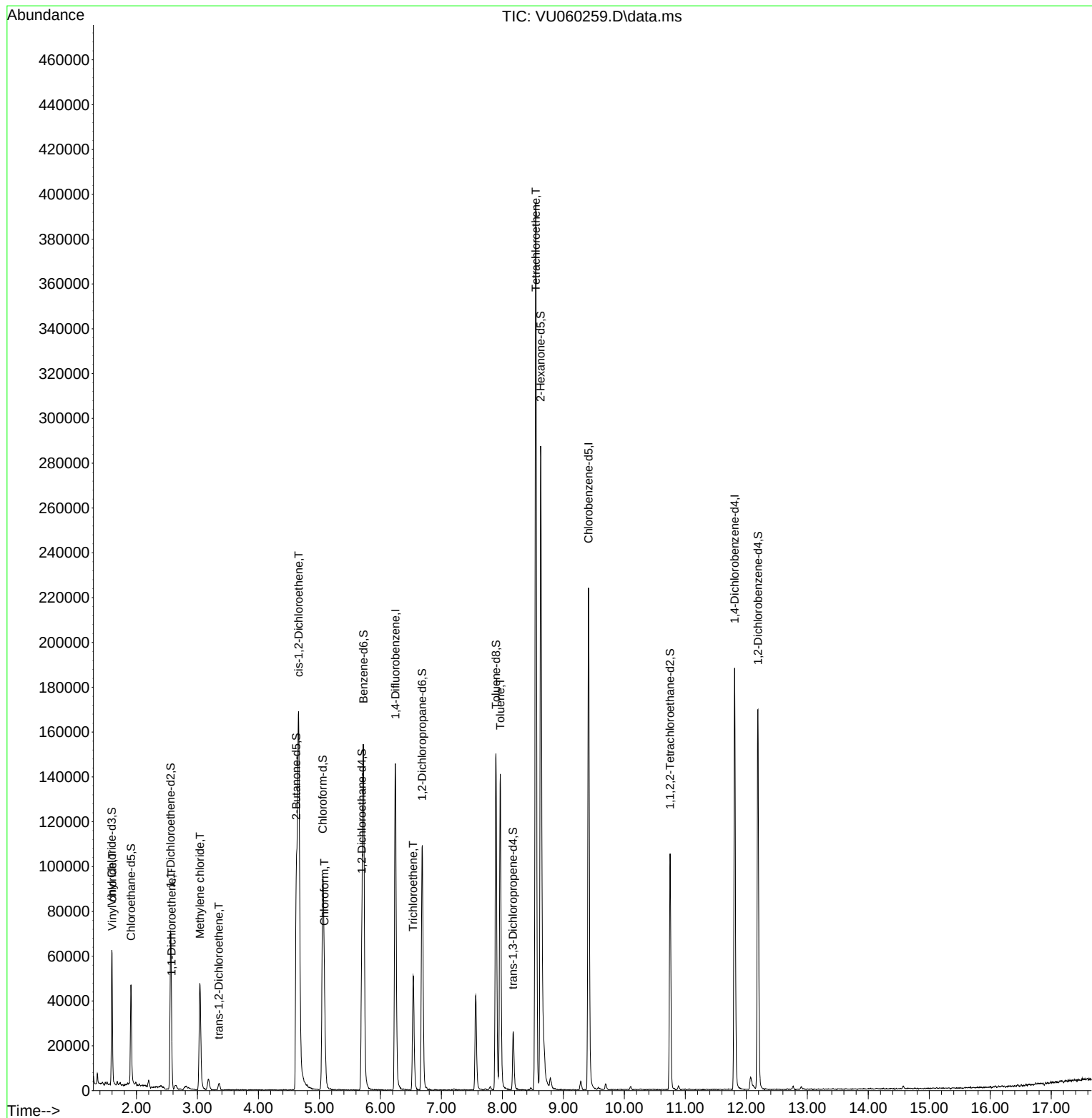
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	125740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	53538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32858	3.756	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.911	69	35303	4.344	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.560	65	12423	3.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	4.621	46	147594	72.161	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.320%#	
24) Chloroform-d	5.055	84	87553	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.695	65	45056	5.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.721	84	145800	4.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
36) 1,2-Dichloropropane-d6	6.686	67	58295	5.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.895	98	106495	3.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.400%#	
43) trans-1,3-Dichloroprop...	8.174	79	16910	4.332	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.628	63	103199	59.572	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.140%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56473	5.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	48544	5.023	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
5) Vinyl chloride	1.602	62	10470	0.813	ug/L	94
12) 1,1-Dichloroethene	2.576	96	2507	0.261	ug/L #	1
16) Methylene chloride	3.039	84	25944	2.205	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	1414	0.142	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	79413	7.102	ug/L	95
25) Chloroform	5.081	83	30610	1.468	ug/L	97
34) Trichloroethene	6.538	95	18408	1.564	ug/L	96
42) Toluene	7.965	91	108338	2.294	ug/L	98
47) Tetrachloroethene	8.547	164	90270	9.276	ug/L	97

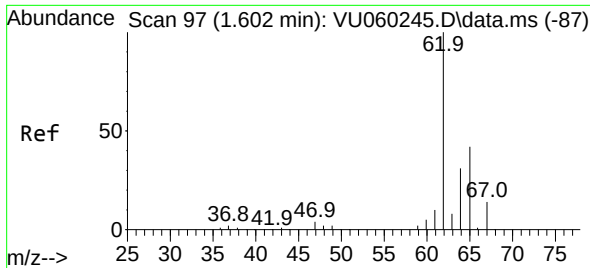
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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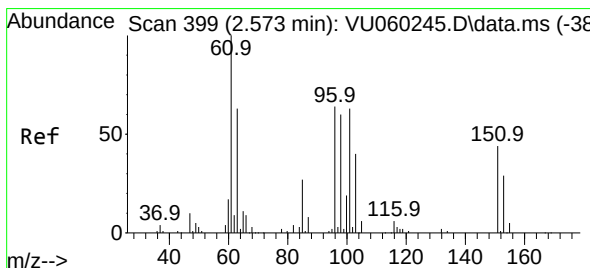
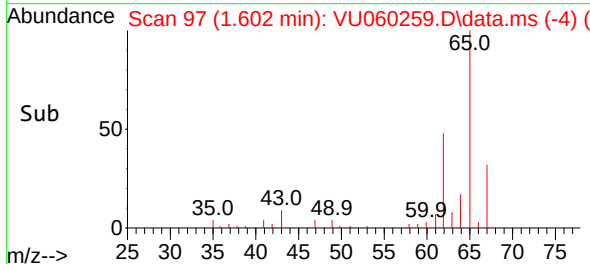
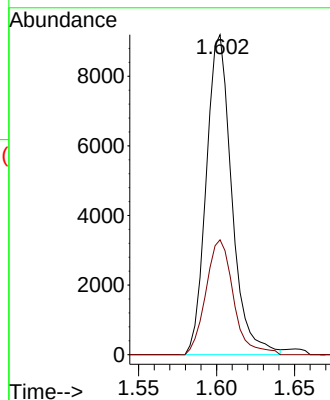
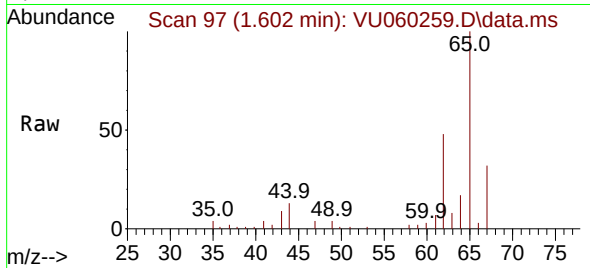




#5
 Vinyl chloride
 Concen: 0.813 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060259.D
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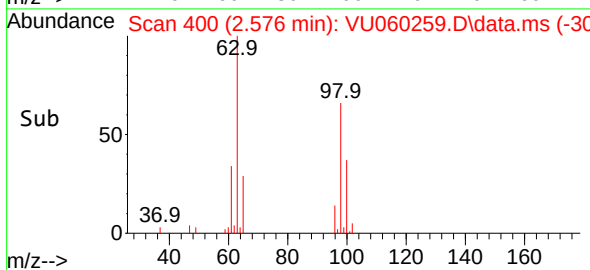
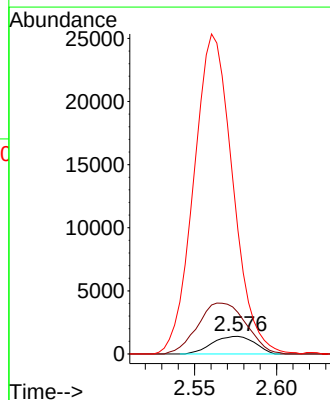
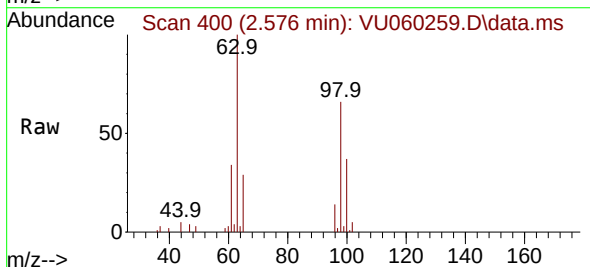
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9DL

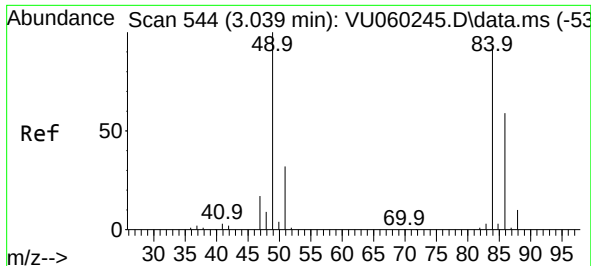
Tgt Ion: 62 Resp: 10470
 Ion Ratio Lower Upper
 62 100
 64 35.9 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.261 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060259.D
 Acq: 29 Jul 2024 18:26

Tgt Ion: 96 Resp: 2507
 Ion Ratio Lower Upper
 96 100
 61 234.1 107.0 198.6#
 63 698.7 76.4 142.0#

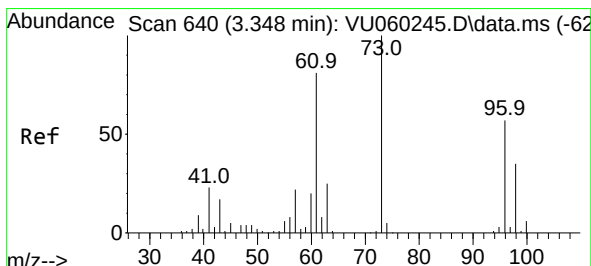
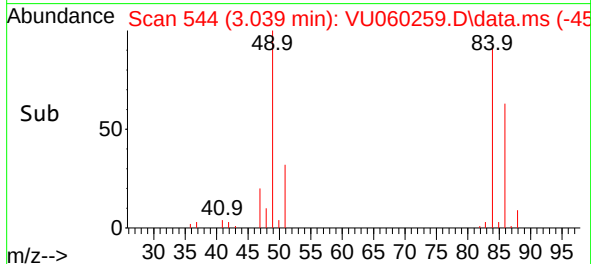
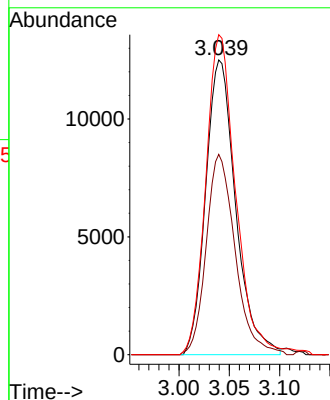
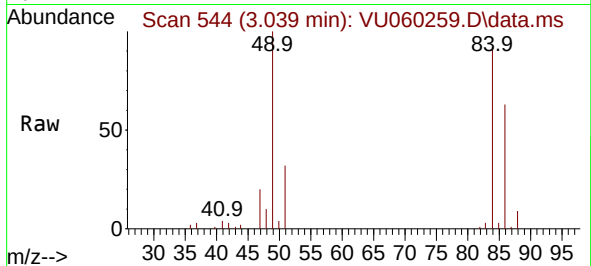




#16
Methylene chloride
Concen: 2.205 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060259.D
Acq: 29 Jul 2024 18:26

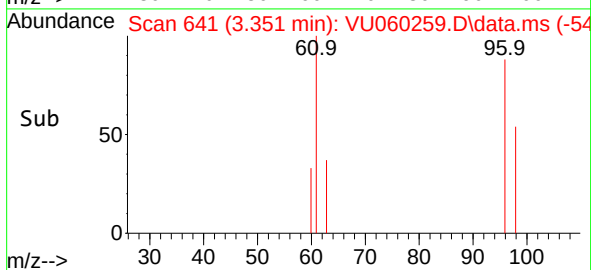
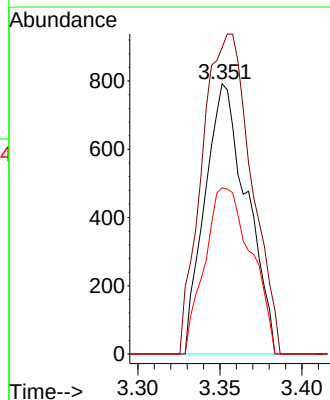
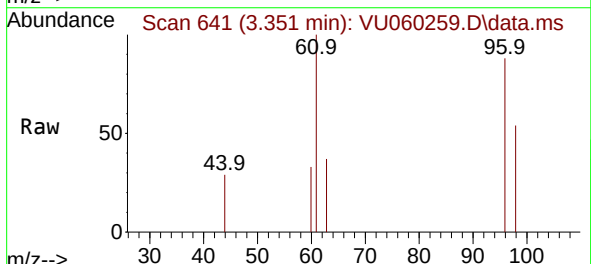
Instrument :
MSVOA_U
ClientSampleId :
BHAW9DL

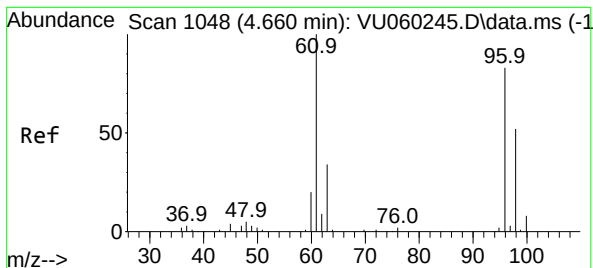
Tgt Ion:	84	Resp:	25944
Ion	Ratio	Lower	Upper
84	100		
86	68.0	44.4	82.5
49	108.6	72.0	133.6



#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060259.D
Acq: 29 Jul 2024 18:26

Tgt Ion:	96	Resp:	1414
Ion	Ratio	Lower	Upper
96	100		
61	113.4	91.6	170.0
98	61.5	47.7	88.5





#22

cis-1,2-Dichloroethene

Concen: 7.102 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060259.D

Acq: 29 Jul 2024 18:26

Instrument :

MSVOA_U

ClientSampleId :

BHAW9DL

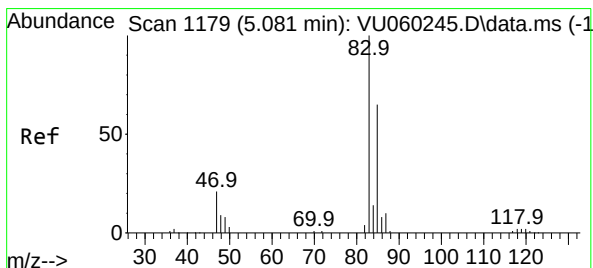
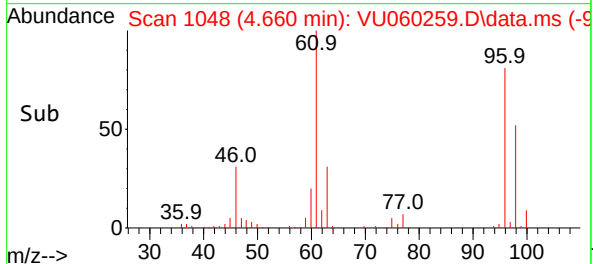
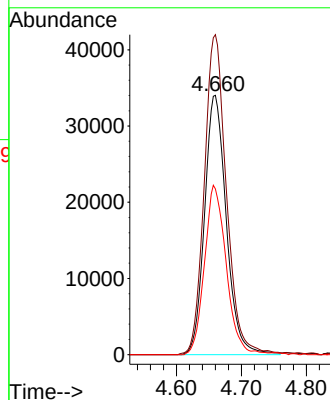
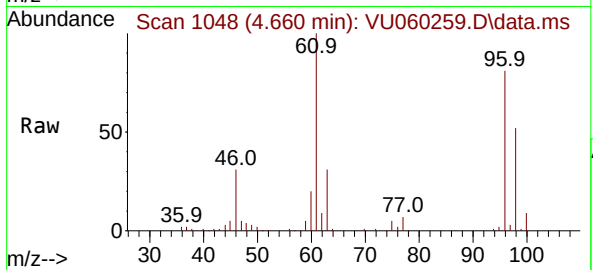
Tgt Ion: 96 Resp: 79413

Ion Ratio Lower Upper

96 100

61 123.4 80.2 148.9

98 63.9 44.7 83.1



#25

Chloroform

Concen: 1.468 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU060259.D

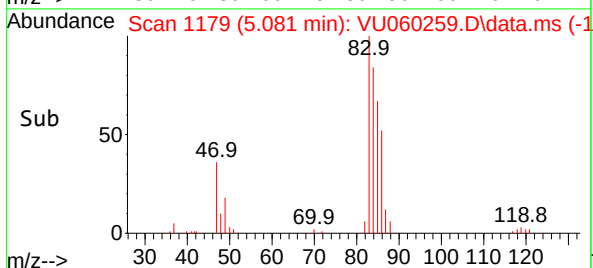
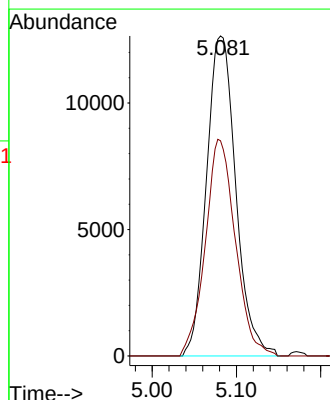
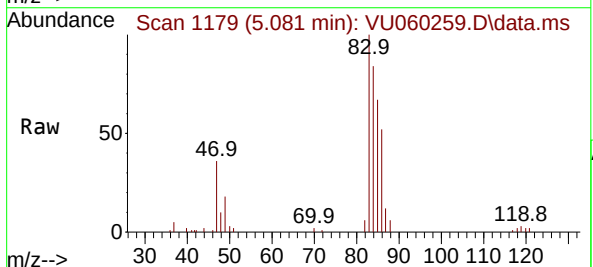
Acq: 29 Jul 2024 18:26

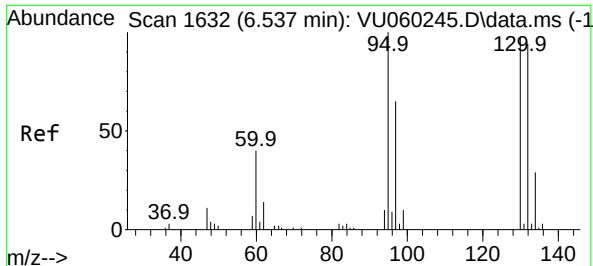
Tgt Ion: 83 Resp: 30610

Ion Ratio Lower Upper

83 100

85 67.2 45.4 84.2

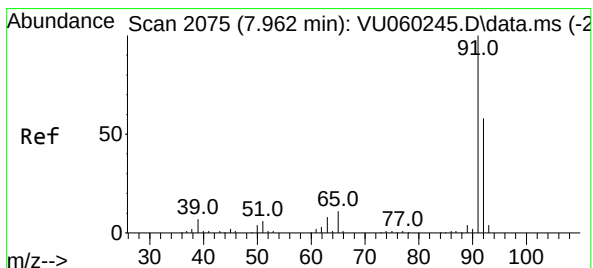
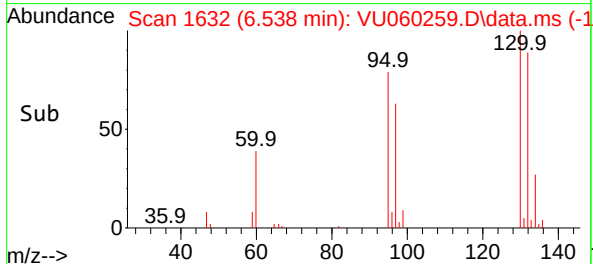
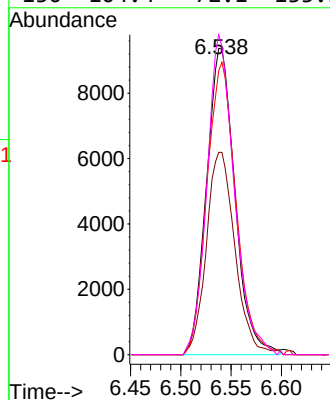
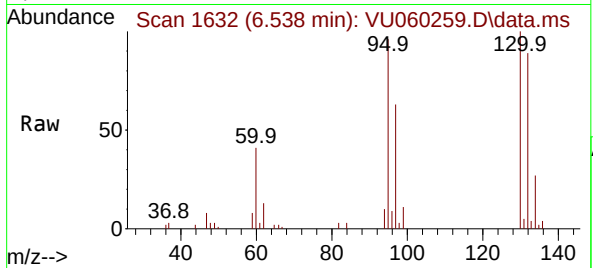




#34
Trichloroethene
Concen: 1.564 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060259.D
Acq: 29 Jul 2024 18:26

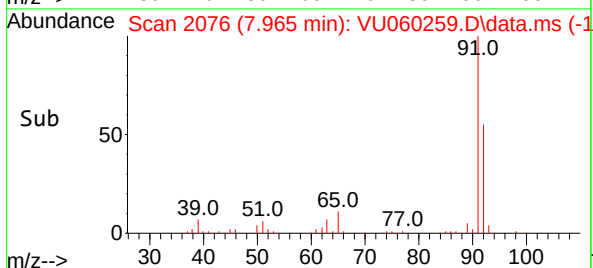
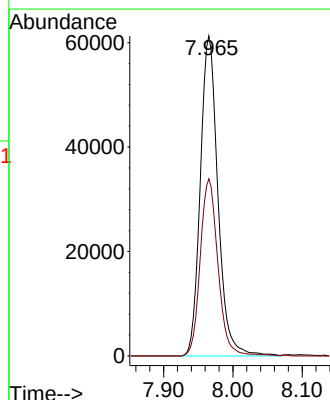
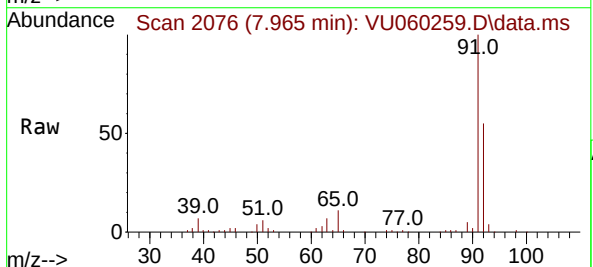
Instrument :
MSVOA_U
ClientSampleId :
BHAW9DL

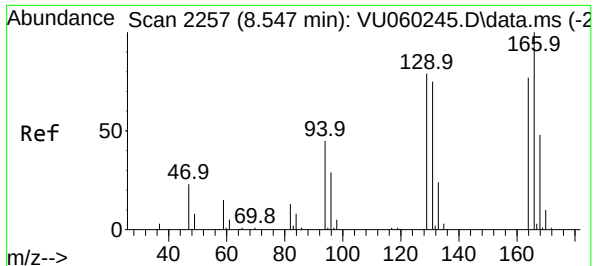
Tgt Ion: 95 Resp: 18408
Ion Ratio Lower Upper
95 100
97 66.1 45.9 85.3
132 92.7 71.4 132.6
130 104.4 72.1 133.9



#42
Toluene
Concen: 2.294 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060259.D
Acq: 29 Jul 2024 18:26

Tgt Ion: 91 Resp: 108338
Ion Ratio Lower Upper
91 100
92 55.3 39.8 73.8





#47
 Tetrachloroethene
 Concen: 9.276 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU060259.D
 Acq: 29 Jul 2024 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164	Resp:	90270
Ion	Ratio	Lower Upper
164	100	
129	93.6	64.6 120.0
131	92.1	61.2 113.8
166	124.1	88.6 164.6

